

PLANNING & PROGRAMMING DIVISION  
PLANNING RESEARCH SECTION  
TRAFFIC ANALYSIS UNIT

TAU 3065

TH 36

SP 6212-43

TH 36 at Hamline Avenue

Prepared: December, 1963

MINNESOTA HIGHWAY DEPARTMENT

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS



T. S. Thompson

December 3, 1963

Johan Nygaard

SP 6212-43, TH 36 at Hamline Avenue

This report is submitted in response to your May 17, 1963 request for 1983 vehicle type distribution for the project location shown on the map on page 2.

For each segment numbered on the map on page 3, the 1983 ADT and vehicle type distributions are shown on pages 4 and 5.

The basic data, method and assumptions used to prepare this traffic estimate are shown on page 6.

The section of TH 36, within the project area, with the highest 1983 ADT (39,186) has a 1962 ADT of 22,800.

This request was initiated by B. L. Warzala for H. S. Dartt.

JN:dt  
KH

- 1 -



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# TRAFFIC ESTIMATE DATA

DESIGN YEAR 1983 PART 1 OF 2

FOR

T.H. 36 S.P. 6212-43 LENGTH - MILES  
COUNTY Ramsey County LOCATION TH 36 at Hamline Avenue

BASED ON

1983 ADT FROM TRAFFIC ANALYSIS UNIT

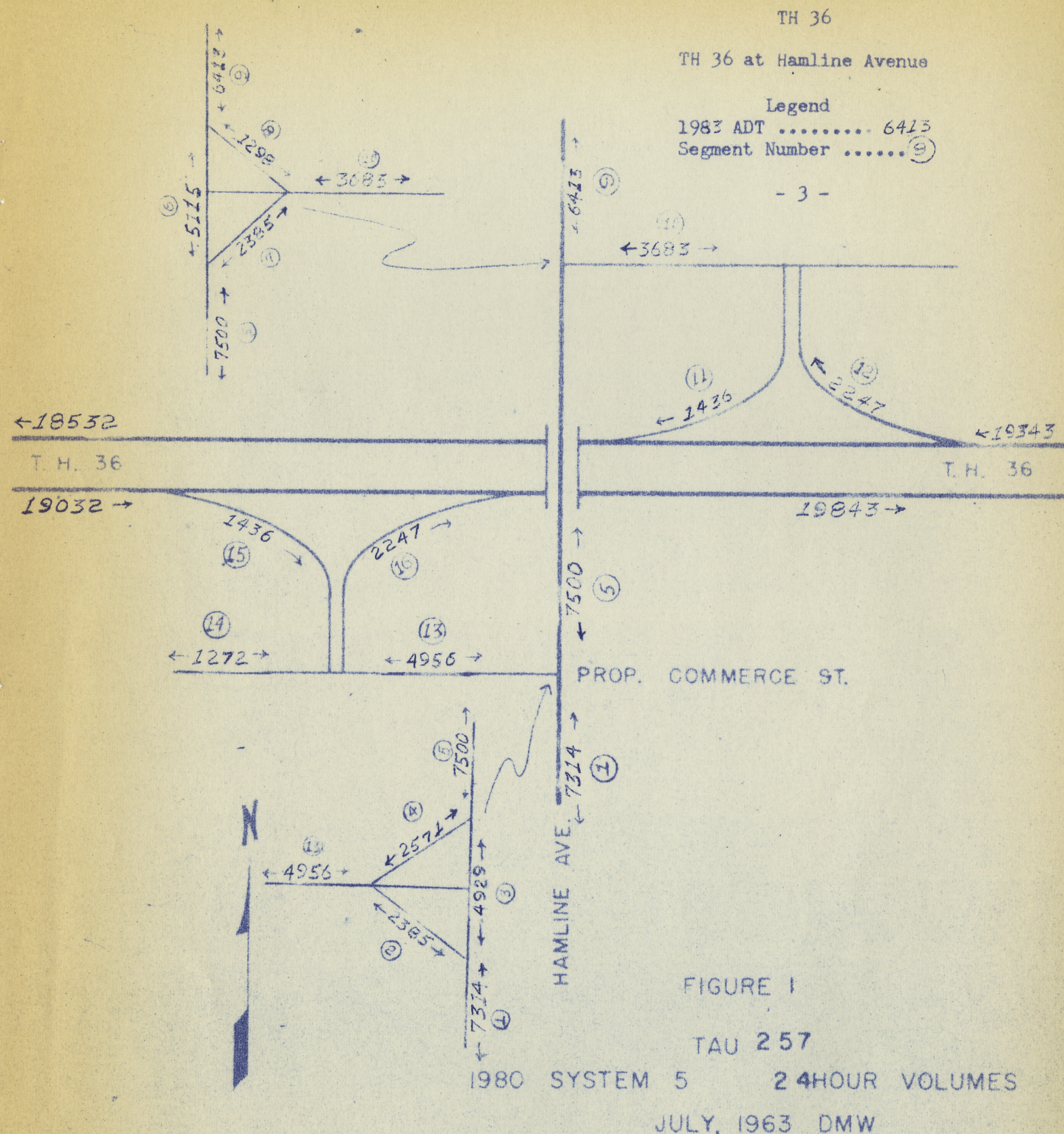
SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS  
DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	7001	2283	4719	2460	7179	4899	2283	1244	6141	3528	1370
1	210	69	142	75	215	146	69	37	183	106	50
2	12	4	7	4	12	7	4	2	10	6	2
3	13	4	8	4	13	8	4	2	11	6	2
4	3	1	2	1	3	2	1	-	2	1	-
5	2	-	2	1	3	3	-	-	3	1	1
6	73	24	49	26	75	50	24	13	63	37	11
TOTAL ADT	7314	2385	4929	2571	7500	5115	2385	1298	6413	3685	1436
TOTAL H. COMM. ADT	313	102	210	111	321	216	102	54	272	157	66
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

## \* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS  
1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS  
2 = SINGLE UNIT-3 AXLE TRUCKS  
3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES  
4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
6 = BUSES AND TRUCKS WITH TRAILERS





# TRAFFIC ESTIMATE DATA

DESIGN YEAR 1983 PART 2 OF 2

FOR

T.H. 36 S.P. 6212-43 LENGTH - MILES

COUNTY Ramsey County LOCATION TH 36 at Hamline Avenue

BASED ON

1983 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 16 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER									
	12	13	14	15	16					
0	2155	4744	1247	1359	2137					
1	56	143	19	51	73					
2	4	8	2	2	4					
3	4	8	2	2	4					
4	1	2	-	1	1					
5	-	1	-	1	-					
6	27	50	2	20	28					
TOTAL ADT	2247	4956	1272	1436	2247					
TOTAL H. COMM. ADT	92	212	25	77	110					
TOTAL DHV										
DIRECTIONAL DISTRIBUTION										

## \* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS  
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS  
 2 = SINGLE UNIT-3 AXLE TRUCKS  
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES  
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES  
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES  
 6 = BUSES AND TRUCKS WITH TRAILERS

## Basic Data, Method and Assumptions

The 1983 ADT was derived by projecting the 1980 ADT transmitted in TAU 257 in July, 1963 for TH 36 at Hamline Avenue.

The 1983 vehicle type distribution was obtained from analysis of vehicle type distributions recorded at three typical urban stations in the metropolitan area. The resulting vehicle type distributions were then adjusted to reflect the influence of the Har-Mar Shopping Center.

The 1983 DHV is assumed to be six percent greater than the 1980 volumes transmitted in TAU 257.